



CIFAL Singapore - Building Our Future Grand Challenge 2025 - Singapore Stage

People

Deadline: 23 Jan 2026

Type:	Workshop
Location:	Hong Kong and Singapore, China
Date:	15 Sep 2025 to 7 Mar 2026
Duration:	3 Days
Programme Area:	Decentralize Cooperation Programme
Website:	https://unitar.org/sustainable-development-goals/people/our-portfolio/cifal-glo...
Price:	\$0.00
Event Focal Point Email:	d-cifal@ntu.edu.sg
Partnership:	Tramplus Pte Ltd, , Hong Kong University of Science and Technology, , HK Tramways, , Academy for Bright Future Young Engineers

BACKGROUND

The BUILDING Our Future Grand Challenge 2025 is a regional youth innovation challenge focused on sustainable urban development under the theme “Nature in

the City: Smart Connections for Sustainable Living.”The programme engages secondary school students from Hong Kong and Singapore to design innovative, technology-enabled solutions that integrate biodiversity, climate action, and smart city planning.

The Singapore stage serves as an international exchange and final competition platform, enabling cross-border learning, exposure to best practices in sustainable urbanisation, and engagement with academic and industry experts.

EVENT OBJECTIVES

- To cultivate sustainability literacy and systems thinking among youth
- To promote innovation in climate action, biodiversity protection, and smart urban development
- To foster cross-cultural exchange and collaboration between Singapore and Hong Kong students
- To expose participants to real-world applications of the UN Sustainable Development Goals (SDGs)

CONTENT AND STRUCTURE

- Grand Challenge Masterclass on sustainability and smart cities
- Seminar on UN SDGs implementation in Asia
- Site visits to NTU sustainable buildings (e.g. The Hive and Gaia)
- Mentoring and proposal refinement sessions
- Final pitching and judging at the Grand Finale

METHODOLOGY

- Experiential learning
- Design thinking

- Team-based project work
- Mentorship from academics and industry practitioners
- Peer learning and international exchange

TARGETED AUDIENCE

Secondary school students (Secondary 2–4 / Grades 9–11) from Singapore and Hong Kong with an interest in sustainability, STEM, and urban innovation

ADDITIONAL INFORMATION

The programme directly supports multiple UN SDGs, including SDG 11 (Sustainable Cities and Communities), SDG 13 (Climate Action), SDG 15 (Life on Land), and SDG 4 (Quality Education).

The initiative aligns with CIFAL Singapore's focus on youth capacity-building, sustainable cities, and education for sustainable development in Asia.